



PROJECT NUMBER

323666.03.17.07

BORING ID:

17C101

Sheet 1 of 2

SOIL BORING LOG

PROJECT: Beale AFB-Site 17 PRB, Phase 1 Drilling

LOCATION:

ELEVATION: 147.58

NORTHING: 2162444.12

EASTING: 6743965.87

DRILLING CONTRACTOR: Resonant Sonic International, Woodland, CA

DRILLING METHOD AND EQUIPMENT USED: Power Probe 9630 Direct Push

WATER LEVELS: 13.7 ft bgs

START: 8/18/2005 10:00:00 AM

END:

LOGGER: B. Moayyad

DEPTH BGS (ft)			STANDARD PENETRATION TEST RESULTS	CORE DESCRIPTION:		COMMENTS:
	INTERVAL (ft)			SOIL NAME (USCS GROUP SYMBOL), COLOR, MOISTURE CONTENT, RELATIVE DENSITY, OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION.	
	RECOVERY	TYPE-#				
						SS=Split Spoon ST= Shelby Tube
0 -	0-4.5	1.8/ 4.0'			SM - SILTY SAND (SM), reddish brown (5YR 5/4), dry, loose, - friable, blockey structure, ~20% fines, sand is very fine	
1 -					-	
2 -					-	
3 -					-	
4 -					-	
	4.5-6	2.3/ 4.0'			SW - WELL GRADED SAND WITH SILT AND GRAVEL (SW), reddish brown - (5YR 4/4), dry, loose	PID = 0.0
5 -					-	
6 -	6-11				GW - WELL GRADED GRAVEL WITH SAND (GW), reddish brown (5YR 4/4), - wet to saturated, medium density, ~50% gravel, ~40% sand	
7 -					-	
8 -		2.5/ 4.5'			-	
9 -					-	
10 -					GW - Same as above (GW), becomes gray and medium coarse 10-11 ft	
11 -	11-25				SM - SILTY SAND WITH GRAVEL (SM), reddish brown and gray, moist, - medium to dense, ~5-15% fine gravel, ~55% sand, ~35% fines	10:23 Collect 17C101HP15 12-16 ft
12 -		3.5/ 4.0'			-	
13 -					-	
14 -					-	
15 -					SM - Same as above (SM), gravelly wet zone at 15-16.5 ft	
16 -		2.7/ 4.0'			-	
17 -					-	
18 -					-	
19 -					-	
20 -					-	
		0.5/ 4.0'			SM - Same as above (SM), but appears to be wet , possibly more	Large gravel blocks core barrel, little core
21 -					- gravel	material appears similar
22 -					-	



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	INTERVAL (ft)	RECOVERY	PENETRATION	SOIL NAME (USCS GROUP SYMBOL), COLOR, MOISTURE CONTENT, RELATIVE DENSITY, OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION.	
			TEST			
			RESULTS			
TYPE-#	6-6-6 (in) (N)					
		SS-Split Spoon ST-Shelby Tube				
23 -				-		
24 -	1.0/ 1.0'			-		
25 -				SM - SILTY SAND WITH GRAVEL (SM), reddish brown and gray, moist, - medium to dense, ~5-15% fine gravel, ~55% sand, ~35% fines SM - Refusal with 2" barrel at 25 ft bgs		
26 -				-		
27 -				-		
28 -				SM -		Push 1-1/2" hydropunch rod to refusal at 27 ft. 12:24 Collect 17C101HP27 at 23-27 ft